

## ADDRESS PRESENTATION SYSTEM

### ABSTRACT OF THE DISCLOSURE

5           An approach for providing retrieval of information via a geographic information system  
that uses a robust, standardized architecture. A user utilizing a client station is able to obtain, for  
example, telecommunication information by supplying input address information and optionally,  
user supplied selection criteria. An application server receives the input address information. A  
database server communicates with the application server; the database server is configured to  
10       validate and geocode the input address information. The database server outputs validated  
address information and positional information to the application server. The database server is  
coupled to numerous data sources. The database server retrieves the telecommunication  
information based upon the selection criteria and transmits the telecommunication information to  
the application server, which can generate a map graphic based upon the validated address and  
15       the positional information from the database server. The application server permits overlay of  
the telecommunication information onto the map graphic.